Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG012622\
Data File : BG052204.D
Acq On : 28 Jan 2022 3:23
Operator : CG/JU
Sample : PB142310BS
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SLCS310

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 01/28/2022
Supervised By :Yogesh Patel 01/28/2022

Quant Time: Jan 28 04:14:28 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG010622.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 26 23:58:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.240	152	26573	20.000	ng/ul	0.00
20) Naphthalene-d8	11.078	136	108312	20.000	ng/ul	# 0.00
38) Acenaphthene-d10	14.884	164	79191	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.634	188	194992	20.000	ng/ul	# 0.00
79) Chrysene-d12	21.951	240	194006	20.000	ng/ul	# 0.00
88) Perylene-d12	25.435	264	199522	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.564	96	4301	5.784	ng/uL	0.00
4) Pyridine-d5	3.987	84	61027	26.399	ng/ul	0.00
7) Phenol-d5	7.383	99	74682	28.715	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.541	67	45206	27.381	ng/ul	0.00
11) 2-Chlorophenol-d4	7.765	132	51167	29.715	ng/ul	0.00
15) 4-Methylphenol-d8	8.945	113	57856	28.617	ng/ul	0.00
21) Nitrobenzene-d5	9.409	128	27479	32.107	ng/ul	0.00
24) 2-Nitrophenol-d4	10.138	143	31430	33.205	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.690	165	62410	33.732	ng/ul	0.00
31) 4-Chloroaniline-d4	11.201	131	70903	27.518	ng/ul	0.00
46) Dimethylphthalate-d6	14.273	166	205568	31.405	ng/ul	0.00
49) Acenaphthylene-d8	14.579	160	254666	32.208	ng/ul	0.00
54) 4-Nitrophenol-d4	15.067	143	33412	30.530	ng/ul	0.00
60) Fluorene-d10	15.871	176	184573	32.341	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.983	200	34972	28.430	ng/ul	0.00
73) Anthracene-d10	17.733	188	302424	32.695	ng/ul	0.00
81) Pyrene-d10	20.007	212	376843	33.751	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.188	264	366494	34.892	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.606	88	9009	10.499	ng/uL#	92
5) Pyridine	4.011	79	63473	26.207	ng/ul	99
6) Benzaldehyde	7.359	77	44469m	25.704	ng/ul	
8) Phenol	7.406	94	76507	28.821	ng/ul	92
10) Bis(2-Chloroethyl)ether	7.641	93	55342	28.480	ng/ul	99
12) 2-Chlorophenol	7.800	128	54527	31.128	ng/ul	98
13) 2-Methylphenol	8.675	108	55401	28.700	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.763	45	81368	27.453	ng/ul	99
16) Acetophenone	9.063	105	88026	27.587	ng/ul	100
17) N-Nitroso-di-n-propyla...	9.045	70	53315	27.350	ng/ul	96
18) 4-Methylphenol	9.010	108	60144	28.763	ng/ul	94
19) Hexachloroethane	9.339	117	22829	30.186	ng/ul	85
22) Nitrobenzene	9.451	77	77899	29.345	ng/ul	94
23) Isophorone	9.979	82	148980	29.684	ng/ul	97
25) 2-Nitrophenol	10.173	139	33121	31.839	ng/ul	93
26) 2,4-Dimethylphenol	10.226	107	69996	31.010	ng/ul	96
27) Bis(2-Chloroethoxy)met...	10.461	93	77910	30.151	ng/ul	97
29) 2,4-Dichlorophenol	10.719	162	59759	32.888	ng/ul	98
30) Naphthalene	11.131	128	186374	31.754	ng/ul	98
32) 4-Chloroaniline	11.231	127	69964	26.645	ng/ul	100
33) Hexachlorobutadiene	11.419	225	45368	31.323	ng/ul	96
34) Caprolactam	11.971	113	20660m	29.214	ng/ul	
35) 4-Chloro-3-methylphenol	12.341	107	69126	32.949	ng/ul	95
36) 2-Methylnaphthalene	12.723	142	134327	32.130	ng/ul	97

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37)	1-Methylnaphthalene	12.940	142	136899	31.906	ng/ul	96
39)	1,2,4,5-Tetrachloroben...	13.087	216	90188	32.933	ng/ul	97
40)	Hexachlorocyclopentadiene	13.069	237	41231	21.942	ng/ul	98
41)	2,4,6-Trichlorophenol	13.322	196	56670	32.741	ng/ul	99
42)	2,4,5-Trichlorophenol	13.398	196	62757	33.634	ng/ul	100
43)	1,1'-Biphenyl	13.715	154	193160	31.595	ng/ul#	95
44)	2-Chloronaphthalene	13.762	162	149384	31.551	ng/ul	100
45)	2-Nitroaniline	13.956	65	54139	29.836	ng/ul	96
47)	Dimethylphthalate	14.320	163	196078	30.379	ng/ul	99
48)	2,6-Dinitrotoluene	14.444	165	42866	31.499	ng/ul	88
50)	Acenaphthylene	14.608	152	248384	31.901	ng/ul	98
51)	3-Nitroaniline	14.773	138	38765	31.490	ng/ul	97
52)	Acenaphthene	14.943	153	162511	31.392	ng/ul	95
53)	2,4-Dinitrophenol	14.978	184	17520	21.836	ng/ul	89
55)	4-Nitrophenol	15.084	109	35688m	28.417	ng/ul	
56)	Dibenzofuran	15.278	168	238221	31.684	ng/ul	99
57)	2,4-Dinitrotoluene	15.231	165	62160	31.593	ng/ul#	97
58)	2,3,4,6-Tetrachlorophenol	15.501	232	55258	31.929	ng/ul#	89
59)	Diethylphthalate	15.677	149	202659	30.434	ng/ul	96
61)	Fluorene	15.924	166	198015	31.605	ng/ul	98
62)	4-Chlorophenyl-phenyle...	15.912	204	109594	31.521	ng/ul	95
63)	4-Nitroaniline	15.936	138	42004	33.211	ng/ul	86
66)	4,6-Dinitro-2-methylph...	16.001	198	32740	27.839	ng/ul#	99
67)	N-Nitrosodiphenylamine	16.124	169	174428	33.290	ng/ul	93
68)	4-Bromophenyl-phenylether	16.811	248	77733	34.053	ng/ul#	88
69)	Hexachlorobenzene	16.940	284	85808	33.893	ng/ul#	87
70)	Atrazine	17.064	200	73310	30.158	ng/ul	96
71)	Pentachlorophenol	17.281	266	37666	26.640	ng/ul	99
72)	Phenanthrene	17.675	178	333281	32.619	ng/ul	98
74)	Anthracene	17.769	178	327947	32.065	ng/ul	99
75)	1,2,3,4-Tetrachloroben...	13.692	216	91443	31.225	ng/uL	97
76)	Pentachlorobenzene	15.202	250	96873	33.988	ng/uL	95
77)	Carbazole	18.033	167	296229	32.143	ng/ul	99
78)	Di-n-butylphthalate	18.574	149	351005	32.221	ng/ul	99
80)	Fluoranthene	19.678	202	438541	33.988	ng/ul#	88
82)	Pyrene	20.036	202	423449	33.332	ng/ul#	89
83)	Butylbenzylphthalate	20.906	149	152915	34.588	ng/ul#	95
84)	3,3'-Dichlorobenzidine	21.828	252	143678	32.082	ng/ul#	97
85)	Benzo(a)anthracene	21.928	228	436305	34.197	ng/ul	99
86)	Bis(2-ethylhexyl)phtha...	21.804	149	221891	34.318	ng/ul#	99
87)	Chrysene	21.998	228	410567	33.418	ng/ul	99
89)	Di-n-octyl phthalate	23.109	149	373977	33.931	ng/ul	100
90)	Benzo(b)fluoranthene	24.319	252	456820	34.548	ng/ul#	94
91)	Benzo(k)fluoranthene	24.389	252	430280	35.195	ng/ul#	94
93)	Benzo(a)pyrene	25.270	252	428838	34.269	ng/ul#	95
94)	Indeno(1,2,3-cd)pyrene	29.447	276	507540	35.431	ng/ul#	93
95)	Dibenzo(a,h)anthracene	29.523	278	428245	35.345	ng/ul#	93
96)	Benzo(g,h,i)perylene	30.698	276	426488m	35.410	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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